

**To:** Kliphuis, Trais, NMENV[trais.kliphuis@state.nm.us]; Pat Longmire (Patrick.Longmire@state.nm.us)[Patrick.Longmire@state.nm.us]  
**From:** Garcia, David  
**Sent:** Wed 8/12/2015 2:18:23 PM  
**Subject:** FW: NMED needs: ACTION NEEDED

Trais/Pat, please read below for information on treatment of R8 retention ponds at site.

**From:** Restivo, Angela  
**Sent:** Tuesday, August 11, 2015 10:28 PM  
**To:** Garcia, David  
**Cc:** Foster, Althea; Ngo, Kim; Crossland, Ronnie; Webster, Susan  
**Subject:** NMED needs: ACTION NEEDED

David,

For question 2, The ponds are being treated using caustic and lime (depending on availability) and flocculent. The flocculent being used is Brennfloc AP 2631, and is manufactured by Brentag (480-961-4189). The flocculent is a polyacrylamide based compound. Below is a link to an EPA fact sheet about acrylamide coagulants

in drinking water.

<http://water.epa.gov/drink/contaminants/basicinformation/acrylamide.cfm>

We have been informed that treatment operations will likely change, but as temporary measure to drop the suspended metals compounds these compounds are being used.

The temporary settling pond retention times are not completely know but are believed to collectively be in the order of several hours. The situation is dynamic, the flows continue to vary but are typically between 200 to 800 gallons per minute.

Thanks.

Angela

**From:** Garcia, David  
**Sent:** Tuesday, August 11, 2015 3:41 PM  
**To:** Ronnie Crossland ([Crossland.Ronnie@epa.gov](mailto:Crossland.Ronnie@epa.gov)); Susan Webster  
**Cc:** Restivo, Angela  
**Subject:** NMED needs: ACTION NEEDED

Ronnie/Susan,

I made it to Santa Fe and have met with Trais Kliphuis, Pat Longmire, Michelle Hunter and Bruce Yurdin. They frustrated due to lack of information. Below is a summary of their request. If at all possible please forward the following information to me as soon as you can. Thanks

1. NMED request historical and current water quality data of cement creek and the entrance to the Animas as soon as possible. Share with Pat Longmire and cc me and Trais or send to me and I will forward.
2. NMED request the mitigation details to water quality treatment of the retention ponds. How are the ponds being treated, treated with what constituents, what are the caustic and flocculent constituents, and any other details that can be shared. Share with Pat Longmire and cc me and Trais or send to me and I will forward.
3. If Region 8 is having calls with Colorado or other state entities, they want to be included. If so, please forward conference call logistics to me and I will share with NMED or add Trais Kliphuis to the invitees list.

4. There has been discussion at the Region 8 level they may open up river for recreation purposes. What are those decisions being based on (ie. WQS, screening criteria ect...). They have heard that decision may be made soon. Can we add this to tomorrow 1:00 (CST) coordination conference call?

5. Domestic Well Sampling: NMED wants to review sampling plan, even if it is DRAFT. Please forward the plan to Michelle Hunter, Pat Longmire, Trais and cc me as soon as you can or you can send to me and I will forward.

6. NMED is in receipt of only one set of sampling results. They want to see more, please forward. Also, what is the forecast of future sampling results? Please send to Trais and Pat with a cc to me or send to me and I will forward.

Thank you for the help on this. Please share what you can as soon as you can.